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NEW YORK ACADEMY OF SCIENCES, Dec. 12.—The following papers were read: Additional notes on the geology of Staten Island, by Mr. N. L. Britton. Remarks on the Mammoth cave of Kentucky, by Mr. W. Le Conte Stevens.

Dec. 19.—The following papers were read: On a peculiar coal-like transformation of peat, recently discovered at Scranton, Penn., by Professor H. L. Fairchild. On the means of giving accuracy to ventilation by steam, by Professor W. P. Trowbridge.

BOSTON SOCIETY OF NATURAL HISTORY, Dec. 21, 1881.—Mr. John A. Jeffries spoke on the spurs and claws of birds' wings, and Mr. S. H. Scudder on Tertiary fossil spiders, especially those of Florissant.

Jan. 4, 1882.—Professor E. S. Morse compared the shells of New England Kjökkenmöddings with the present forms of the same species, and Miss M. H. Hinckley showed some structural differences between our native tadpoles and their bearing on the classification of the species.

AMERICAN GEOGRAPHICAL SOCIETY, Dec. 21.—Mr. W. E. Griffis lectured on Corea, the hermit nation.

Jan. 10.—Mr. T. By. Myers read a paper entitled, Our acquisition of French territory west of the Mississippi, in 1803.

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SELECTED ARTICLES IN SCIENTIFIC SERIALS.

BULLETIN OF THE U. S. GEOLOGICAL AND GEOGRAPHICAL SURVEY OF THE TERRITORIES, Vol. VI, No. 2, Sept. 19, 1881.—Annotated list of the birds of Nevada, by W. J. Hoffman. North American moths, with a preliminary catalogue of species of *Hadena* and *Polia*, by A. R. Grote. The Tertiary lake basin of Florissant, Colorado, by S. H. Scudder. Revision of the genus *Sciurus*, by E. L. Trouessart. Osteology of the North American *Tetraonidæ*, by R. W. Shufeldt. Osteology of *Lanius ludovicianus excubitorides*, by R. W. Shufeldt. Review of the Rodentia of the Miocene period of North America, by E. D. Cope. On the *Canidæ* of the Loup Fork Epoch, by E. D. Cope. On a crayfish from the Lower Tertiary beds of Western Wyoming, by A. S. Packard, Jr.

AMERICAN JOURNAL OF SCIENCE, Jan., 1882.—Contributions to meteorology: mean annual rainfall for different countries of the globe, by Elias Loomis (map). Post-glacial joints, by G. K. Gilbert. The connection between the Cretaceous and the recent Echinid faunæ, by A. Agassiz. Classification of the Dinosauria, by O. C. Marsh.

GEOLOGICAL MAGAZINE, Dec., 1881.—Contributions to fossil Crustacea, by H. Woodward.

JENAISCHE ZEITSCHRIFT FÜR NATURWISSENSCHAFT, Nov. 25.—Free-cell formation in the embryo-sack of Angiosperms, by F. Soltwedel. On the so-called compass-plant, by E. Stahl. Sketch of a system of Radiolaria based on a study of the *Challenger* Radiolaria, by E. Haeckel.